LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
Data File : BF099807.D
Acq On : 25 Oct 2017 00:11
Operator : SJ/JU
Sample : I5956-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-108-2(10-12)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.034	497	501	518	rBV	238838	424582	16.11%	1.926%
2	5.434	565	569	596	rBV	2320326	2501688	94.90%	11.347%
3	6.451	737	742	745	rBV	2152089	2436226	92.42%	11.050%
4	6.581	759	764	767	rBV	2656442	2542421	96.45%	11.532%
5	6.804	799	802	812	rBV	710591	598476	22.70%	2.715%
6	6.963	824	829	832	rBV	2014837	2010841	76.28%	9.121%
7	7.375	895	899	902	rBV	1541971	1562921	59.29%	7.089%
8	8.087	1016	1020	1030	rBV	971890	805579	30.56%	3.654%
9	8.645	1112	1115	1125	rBB	91615	78535	2.98%	0.356%
10	9.163	1198	1203	1206	rBV	2822147	2636013	100.00%	11.956%
11	9.557	1267	1270	1278	rBB	42115	34228	1.30%	0.155%
12	9.839	1314	1318	1330	rVB2	952465	839840	31.86%	3.809%
13	10.557	1436	1440	1444	rBV	386630	299441	11.36%	1.358%
14	10.639	1450	1454	1468	rBV	1339591	1353585	51.35%	6.140%
15	11.333	1568	1572	1580	rBV	836038	694981	26.36%	3.152%
16	11.851	1657	1660	1664	rBV	35375	34519	1.31%	0.157%
17	12.716	1804	1807	1812	rVB	50219	49436	1.88%	0.224%
18	12.916	1837	1841	1844	rBV	1891767	1665941	63.20%	7.556%
19	13.798	1987	1991	2004	rBV	85929	111638	4.24%	0.506%
20	13.980	2018	2022	2032	rBV	617847	532849	20.21%	2.417%
21	15.421	2260	2267	2268	rBV	30493	39704	1.51%	0.180%
22	15.445	2268	2271	2284	rVB	413218	545409	20.69%	2.474%
23	15.839	2332	2338	2344	rBV3	37393	57543	2.18%	0.261%
24	16.327	2416	2421	2426	rBV2	33028	56014	2.12%	0.254%
25	16.904	2512	2519	2528	rVB3	24398	56335	2.14%	0.256%
26	17.586	2628	2635	2642	rBV3	19577	46023	1.75%	0.209%
27	18.380	2764	2770	2778	rBV5	10993	32268	1.22%	0.146%

Sum of corrected areas: 22047036

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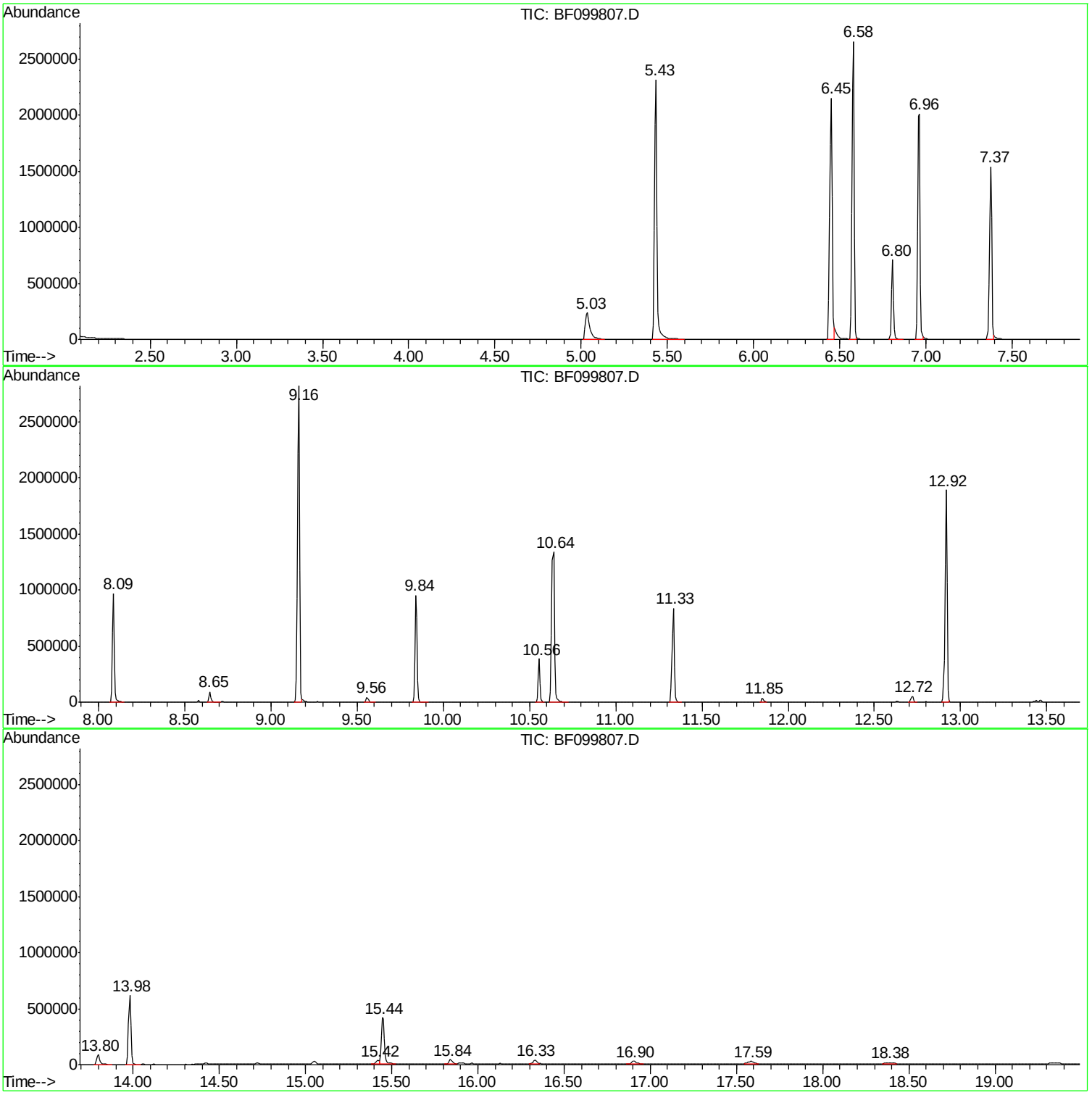
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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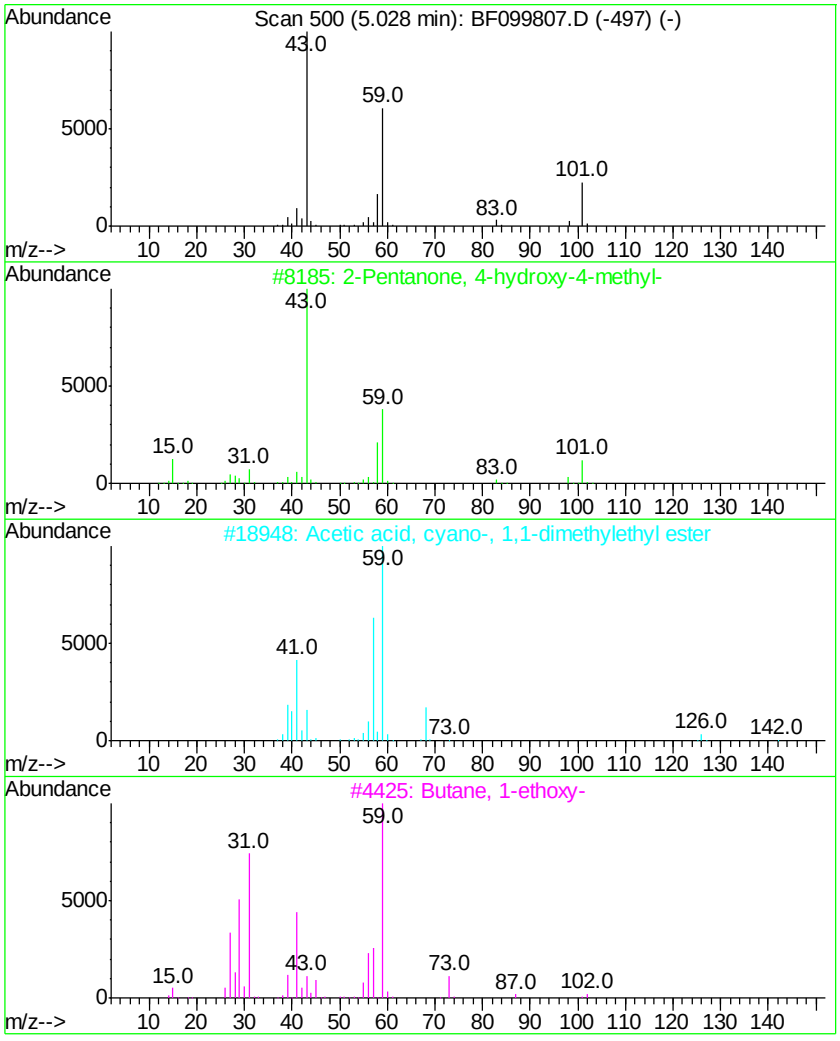
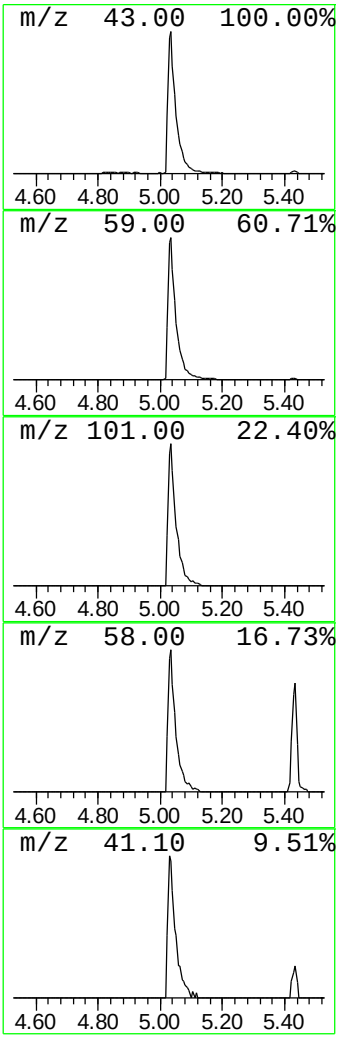
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	14.19 ng	424582	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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ClientSampleId : EPE-108-2(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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TIC Library : C:\DATABASE\NIST11.L
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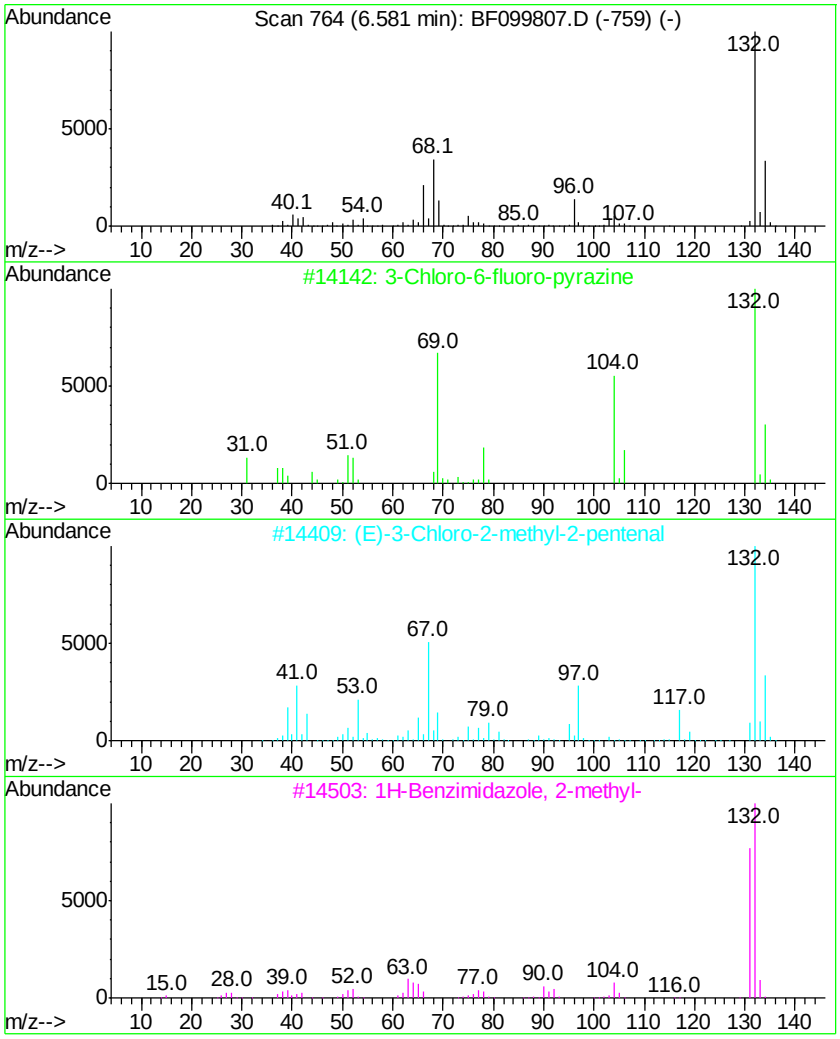
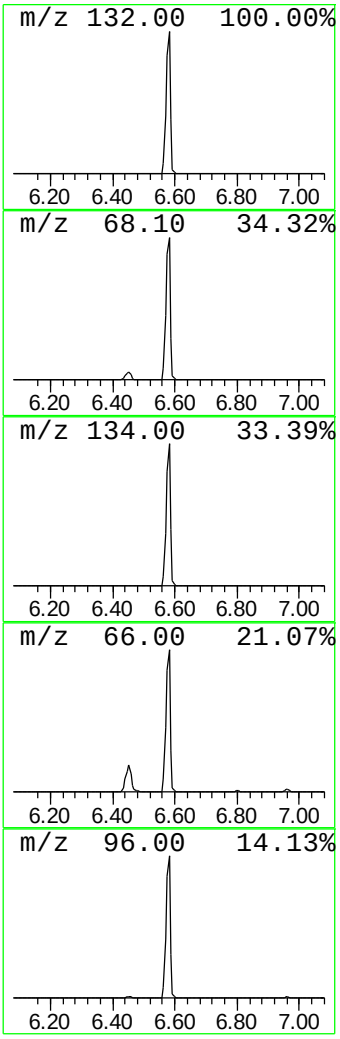
Peak Number 2 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	84.96 ng	2542420	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Instrument : BNA_F
ClientSampleId : EPE-108-2(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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TIC Library : C:\DATABASE\NIST11.L
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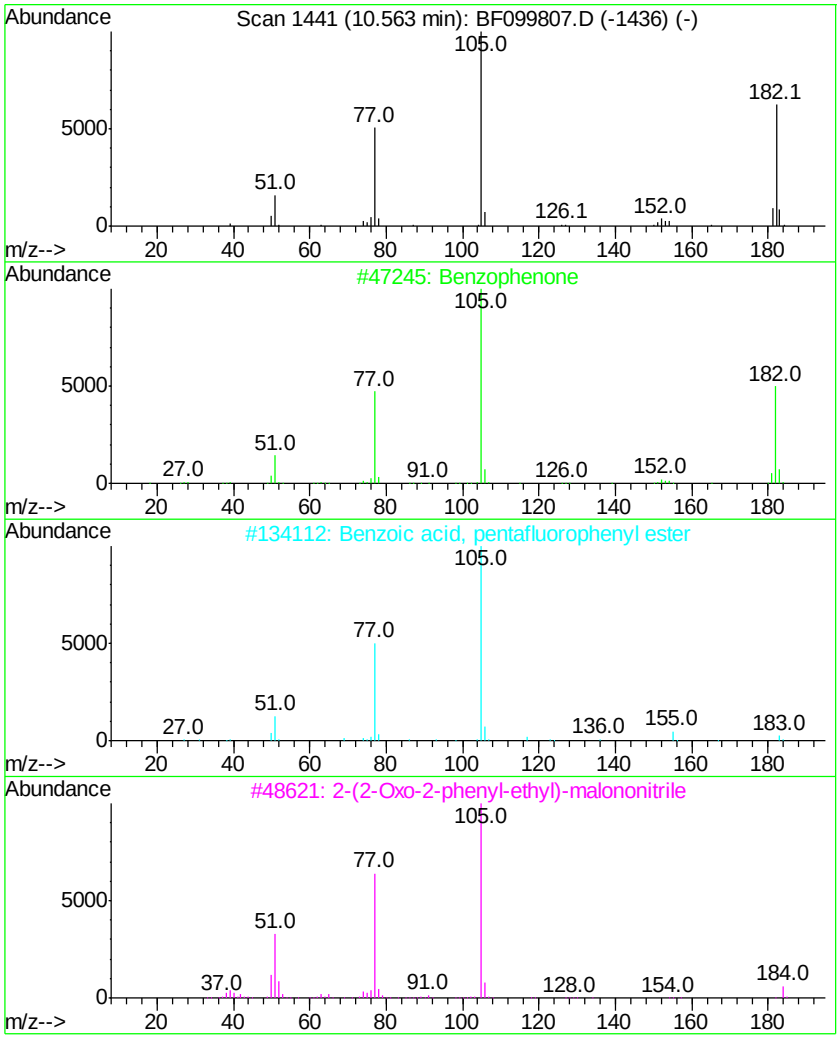
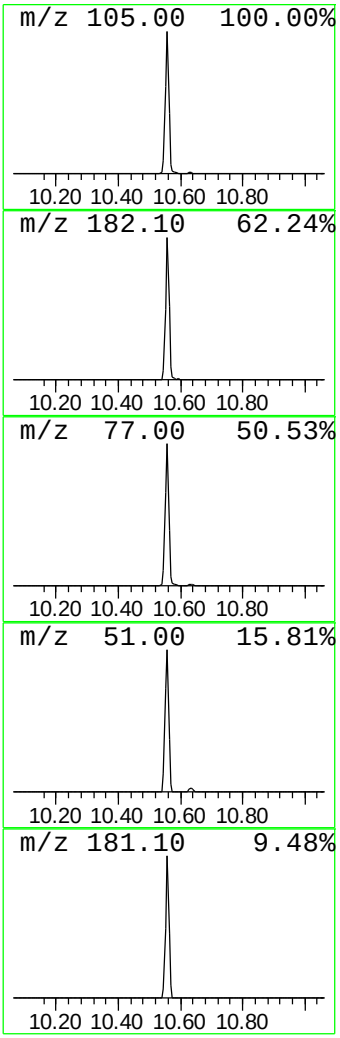
Peak Number 4 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	7.13 ng	299441	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzoic acid, pentafluorophenyl ...	288	C13H5F5O2	1000360-67-9	47
3	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	43
5	S-Benzoyl(thiohydroxylamine)	153	C7H7NOS	025740-80-1	43





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Instrument : BNA_F
ClientSampleId : EPE-108-2(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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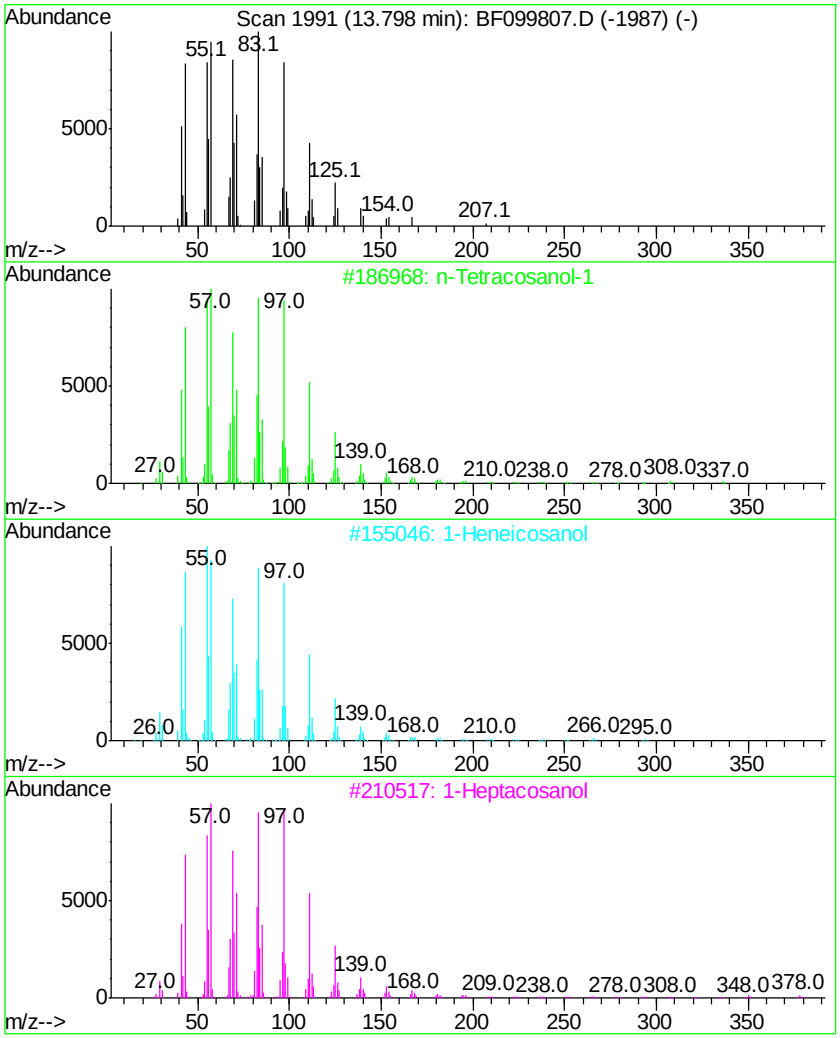
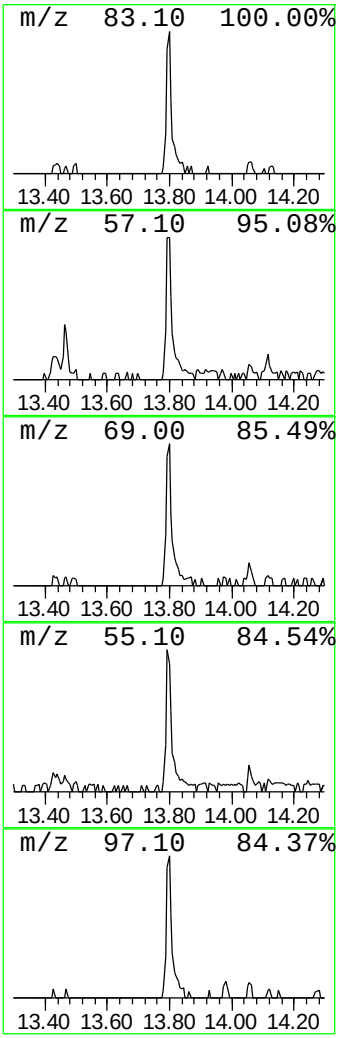
Peak Number 5 n-Tetracosanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	4.19 ng	111638	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	1-Heptacosanol	396	C27H56O	002004-39-9	95
4	Behenic alcohol	326	C22H46O	000661-19-8	95
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93





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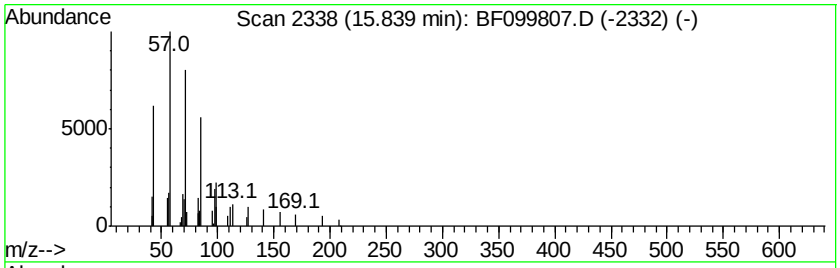
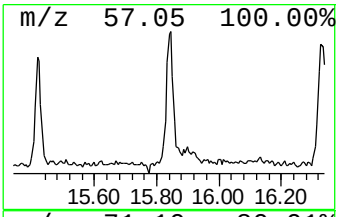
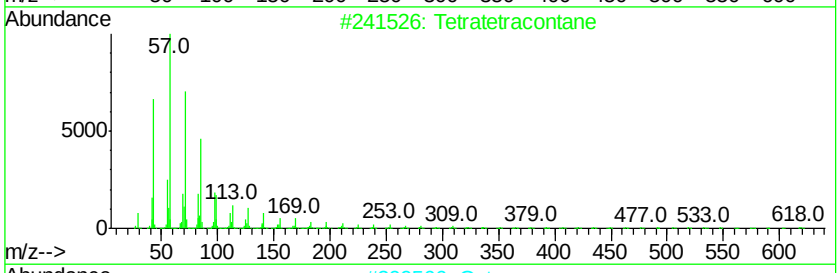
Peak Number 6 Tetratetracontane Concentration Rank 6

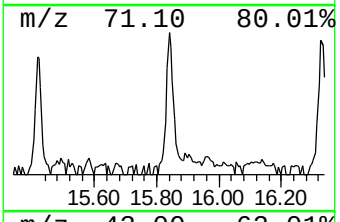
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	2.11 ng	57543	Perylene-d12	15.45

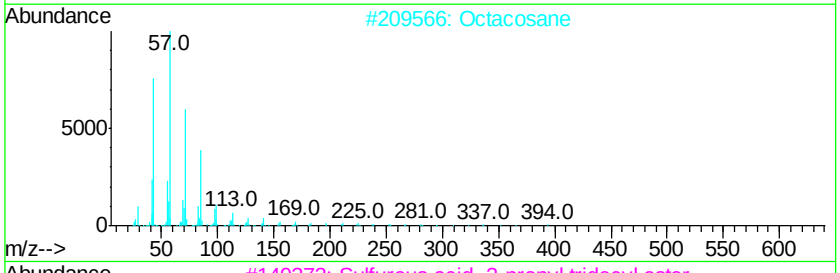
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	90
2	Octacosane	394	C28H58	000630-02-4	87
3	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	86
4	Tritetracontane	605	C43H88	007098-21-7	86
5	Tetracosane	338	C24H50	000646-31-1	86

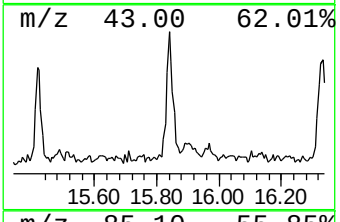


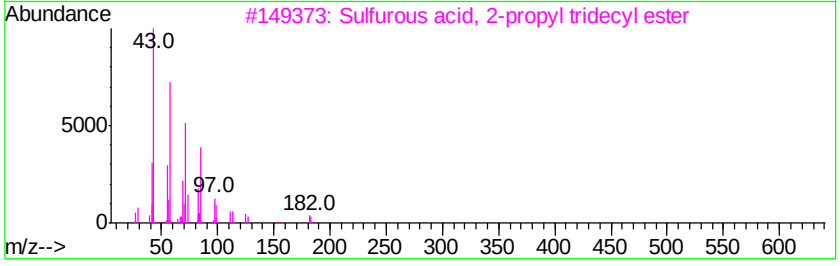


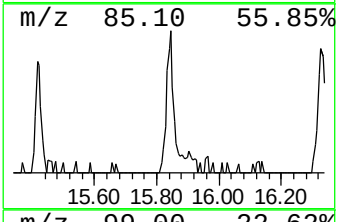


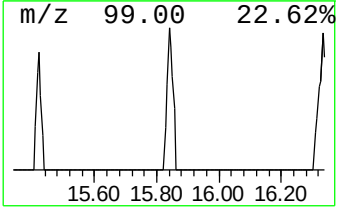












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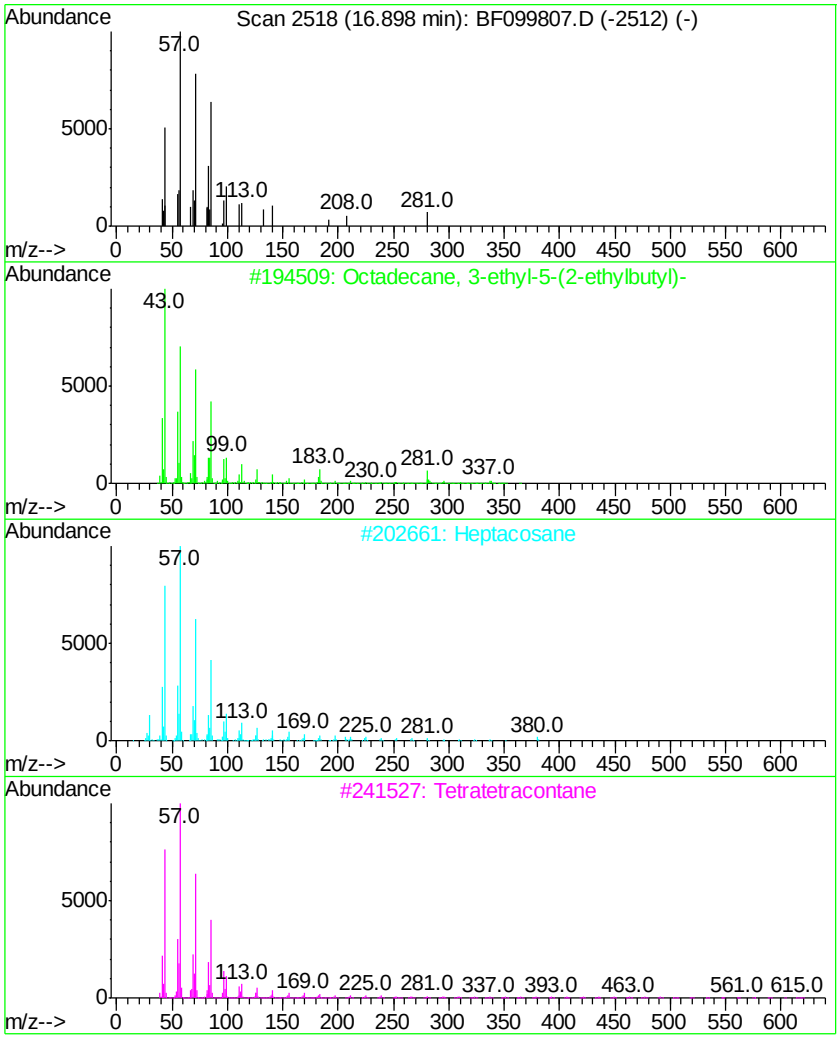
TIC Integration Parameters: LSCINT.P

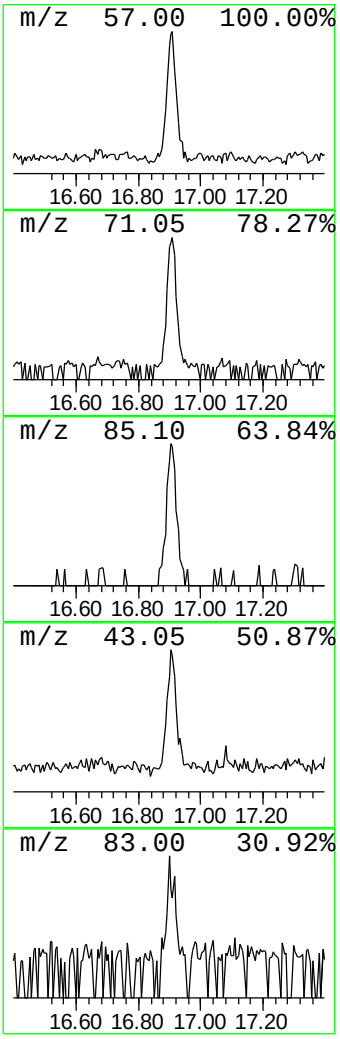
****

Peak Number 8 Octadecane, 3-ethyl-5-(2-et... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	2.07 ng	56335	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	90
2	Heptacosane	380	C27H56	000593-49-7	90
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Eicosane, 9-octyl-	394	C28H58	013475-77-9	90
5	Hentriacontane	437	C31H64	000630-04-6	90





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.03	14.2	ng	424582	1	6.80	598476	20.0
unknown6.58	6.58	85.0	ng	2542420	1	6.80	598476	20.0
Benzophenone	10.56	7.1	ng	299441	3	9.84	839840	20.0
n-Tetracosanol-1	13.80	4.2	ng	111638	5	13.98	532849	20.0
Tetratetracontane	15.84	2.1	ng	57543	6	15.45	545409	20.0
Octadecane, 3-eth...	16.90	2.1	ng	56335	6	15.45	545409	20.0